

## CURRICULUM VITAE

**Name:** Karel Kutchan

**Profession:** Frontend developer

**Experience Level:** Mid-level

**Highest education attained:** secondary

**Date of birth:** 20th August 1986

**Place of birth:** CZ

**Citizenship:** Czech

### Technological stack:

#### JS Frameworks, Libraries and tools

- React
- Next.js
- TypeScript
- Refine
- MobX, Redux
- React Aria
- Node.js
- Vite, Webpack
- NPM, Yarn, PNPM
- Git

#### Styling & Design Systems

- CSS3
- HTML5
- Sass a LESS
- JSS, styled-components, CSS modules
- UI libraries: Mantine, React Bootstrap, MUI
- Storybook

### Contacts:

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### Experiences:

#### Frontend development:

6/2024 – Present

**Frontend Engineer**

**Freelancer at Kontent.ai**

I worked as part of a team on a contract-based project focused on improving accessibility and refactoring code to provide users with a better and more accessible user experience. Our team utilized React Aria, specifically its hooks, and developed custom solutions to address specific accessibility requirements.

My responsibilities included ensuring the application complied with all accessibility standards, collaborating with team members to optimize code, and applying best practices for frontend development. Together, we created an intuitive and efficient user interface while meeting strict accessibility guidelines within the project's defined timeframe.

4/2024 – 9/2024

**Lead Frontend Engineer**

**Freelancer at TLDR;IT s.r.o.**

As a Lead Frontend Engineer in a time-framed role, I designed and implemented solutions for web and mobile applications while leading the frontend team. I proposed technical approaches, developed scalable applications using ReactJS, Next.js, and Storybook, and ensured high-quality, user-friendly results within tight deadlines.

9/2021 – 4/2024

**Frontend developer**

**eMan a.s.**

In my role as a mid-level frontend developer at eMan a.s., I focused on developing web applications, user interfaces, and creating design systems and component libraries for key clients like EON, MND, ČEZ, and previously Bohemia Energy. My main contributions included:

- **Development and implementation of user interfaces:** I was responsible for developing and implementing innovative user interfaces that served as the foundation for our web applications, significantly contributing to the improvement of user experience and interaction. Additionally, I was in charge of developing and implementing robust design systems and component libraries that simplified the development process and ensured consistency and reusability across multiple projects.
- **Performance optimization and accessibility:** I optimized web applications to improve their performance and accessibility, resulting in higher user satisfaction and engagement.
- **Refactoring and modernizing legacy code:** I rewrote old code using modern technologies like React, NextJS, and TypeScript, which improved the efficiency, quality, and performance of our applications and increased user satisfaction.

Working on these projects involved close collaboration with the UX design team and backend developers to ensure that the final products not only met but exceeded the expectations of clients and users.

9/2020 – 9/2021

**Frontend developer**

**LMC**

At LMC, I worked as a Frontend Developer in the Custom Design Team, focusing on creating bespoke web solutions for corporate clients. My responsibilities included delivering tailored web solutions on platforms like jobs.cz, collaborating with designers and clients to analyze requirements and design functional, visually appealing solutions. I used modern frontend technologies such as HTML, CSS, JavaScript, and React, ensuring responsive design and high performance. I prioritized accessibility standards, optimized user experience across devices and browsers, and maintained clean, readable, and maintainable code. This role helped me enhance my technical expertise and creativity in custom web development.

9/2019 – 9/2020

**Frontend developer**

**Amp X**

As a Frontend Developer, I worked as part of a software development team on the frontend of a new digital energy platform. This platform enabled various forms of distributed generation and load to dynamically participate in relevant energy markets, either individually or as aggregated asset groups.

My key responsibilities included delivering a high-quality UI that was accessible, user-friendly, and responsive, while maintaining clean, sustainable, and readable code. I utilized technologies such as ReactJS, Material-UI, Vanilla JavaScript, HTML5, and CSS-in-JS (JSS) to develop and implement frontend solutions.

4/2019 – 9/2019

**Frontend developer**

**Skype.com**

As a part of the Skype.com team, I contributed to a platform serving over 400,000 unique users daily from more than 30 countries. My primary focus was on the main website, where I ensured accessibility, responsiveness, and performance. I developed and optimized components, improved usability, and maintained clean, sustainable, and maintainable code. Additionally, I worked closely with Kentico CMS to manage and integrate content seamlessly.

Technologies used: HTML5, CSS3 (Sass), Vanilla.js, React.js, jQuery.

6/2018 – 3/2019

**Frontend coder**

**Foxconn DRC s.r.o.**

In the frontend team, I played a key role in developing the GUI with a strong focus on HTML architecture. Close collaboration with graphic designers and software developers was essential, allowing us to prioritize responsiveness, accessibility, and performance. This often involved decisions to implement modern CSS, use JavaScript solutions, leverage React components, or create custom components. My primary project was a web application designed for data visualization, management, and processing, where I mainly utilized HTML5, CSS3 (crafted with Sass), and SVG. Collaboratively with developers, we incorporated React, Vanilla JS, and occasionally jQuery. For layout design, I used Flexbox and CSS Grid within CSS3. We also developed a custom design system, which we continuously adapted and expanded. This system combined component-based and utility-based CSS, grounded in the BEM framework, streamlining page development and simplifying component management.

5/2017 – 5/2018

**Frontend coder**

**Mountfield, a.s.**

At Mountfield, I was responsible for managing and maintaining the main company website built on the Kentico platform. My work included creating microsites and supporting marketing websites, as well as developing responsive HTML newsletters. Additionally, I contributed to the design and implementation of internal applications to improve workflows for employees and enhance customer access to information. My focus was on optimizing the user experience across all web platforms.

08/2014 – 5/2017

**Web Administrator, Graphic Designer, and Junior Frontend Coder**

**BitWare CZ s.r.o.**

During this period, I worked on website administration, graphic design, and frontend development. My responsibilities included creating responsive web presentations using HTML5/CSS3, managing websites on the WordPress platform, designing templates, and producing print-ready materials such as business cards and flyers. This role allowed me to refine my skills in web development, graphic design, and software maintenance.

## Sales:

06/2011 – 3/2014

**Sales manager**

**Austro-Bohemia, s.r.o.**

The company specializes in software development, CRM and ERP system implementation, IT outsourcing, and comprehensive ICT services. As a Sales Director, I led the sales team, developed and implemented the business strategy, and oversaw the achievement of set goals. I closely collaborated with the development team, project managers, and clients to identify optimal solutions that aligned with technical capabilities and the specific needs of customers. My role also involved building and maintaining long-term relationships with key partners, managing strategic projects, and working with the marketing team to promote products and services. Additionally, I supervised the improvement of sales processes and implemented tools to enhance the efficiency of the sales team.

## Education:

2002-2006

**COPTH**, Poděbradská 1/179

Electrical engineering, telecommunications and computer technologies

## Courses, seminars:

2018

**VzhuruDolu.cz**

Optimalizace rychlosti načítání

CSS kód: organizace a údržba

SVG do hloubky

Principy JavaScriptu

**Learn2code.cz**

CSS preprocesory: Sass

2016

Webrebel - online kurz webdesignu

2016-2018

**Free Code Camp**

Full Stack Web Development Certification, Computer Software Engineering

2015

**Codecademy**

Basics of HTML & CSS - www.codecademy.com

**S - COMP Centre CZ s.r.o.**, Ohradní 1079/59

Web Application Programmer

Graphic studio worker

## Knowledge and skills:

**Czech:** native speaker

**Driving licence:** B

**English:** intermediate

**Swedish and German:** beginner

**Hobbies:** Coding, Tech, Offroad, Rugby, Hockey, Sport shooting, Reading, Filipino Martial Arts, Boxing, Outdoor, Fishing